



Computer Networking/Cisco

Career Technical Training Area

Information Technology Career Pathway

Computer Networking/Cisco

The Job Corps Computer Networking/Cisco career training program takes 8 to 12 months to complete and requires training in the following subject areas:

- Introduction to computers and applications
- Personal computer software
- Connecting to the network
- Internet service provider
- Network addressing
- Network services
- Wireless technology
- Basic security
- Troubleshooting
- Internet
- Planning a network update
- Planning the address structure
- Configuring the ISR
- Routing
- ISP support, services, and responsibilities
- Networking in the enterprise
- Exploring the enterprise network infrastructure
- Switching in an enterprise network
- Addressing in an enterprise network
- Routing with a distance vector protocol
- Routing with a link-state protocol
- Implementing enterprise WAN links
- Filtering traffic using access-control lists
- Introducing network design components
- Gathering network requirements

- Characterizing the existing network
- Identifying application impacts on network design
- Creating the network design
- Using IP addressing in the network design
- Prototyping the campus network
- Prototyping the WAN
- Preparing the proposal

Certification:

Students who complete a Job Corps training program are eligible to receive a nationally recognized certificate of completion.

Steps to certification:

Before completing a Computer Networking/Cisco training program, students should:

- Have the basic math and reading skills necessary to perform the job.
- Complete the core curriculum and pass all written and performance tests.

Average length of training:

8 to 12 months

The salary range for various careers in Computer Networking/Cisco is:

\$30,000 to \$40,000/year

THE BENEFITS OF JOB CORPS

Industry-recognized certification • Hands-on training and internships • Housing, meals, and basic medical care • Earn while you learn: Biweekly living allowance • Administered by the U.S. Dept. of Labor

What is Job Corps?

- A residential career training program
- Your path to a career in a high-growth industry
- A place to earn your high school diploma or GED
- Career counseling and support after graduation



Career Technical Training programs vary at different Job Corps centers.

Administered by the U.S. Department of Labor, Job Corps is the nation's largest career technical training and education program for students ages 16 through 24. Job Corps is a U.S. Department of Labor Equal Opportunity Employer Program. Auxiliary aids and services are available upon request to individuals with disabilities. TDD/TTY telephone number is (877) 889-5627.